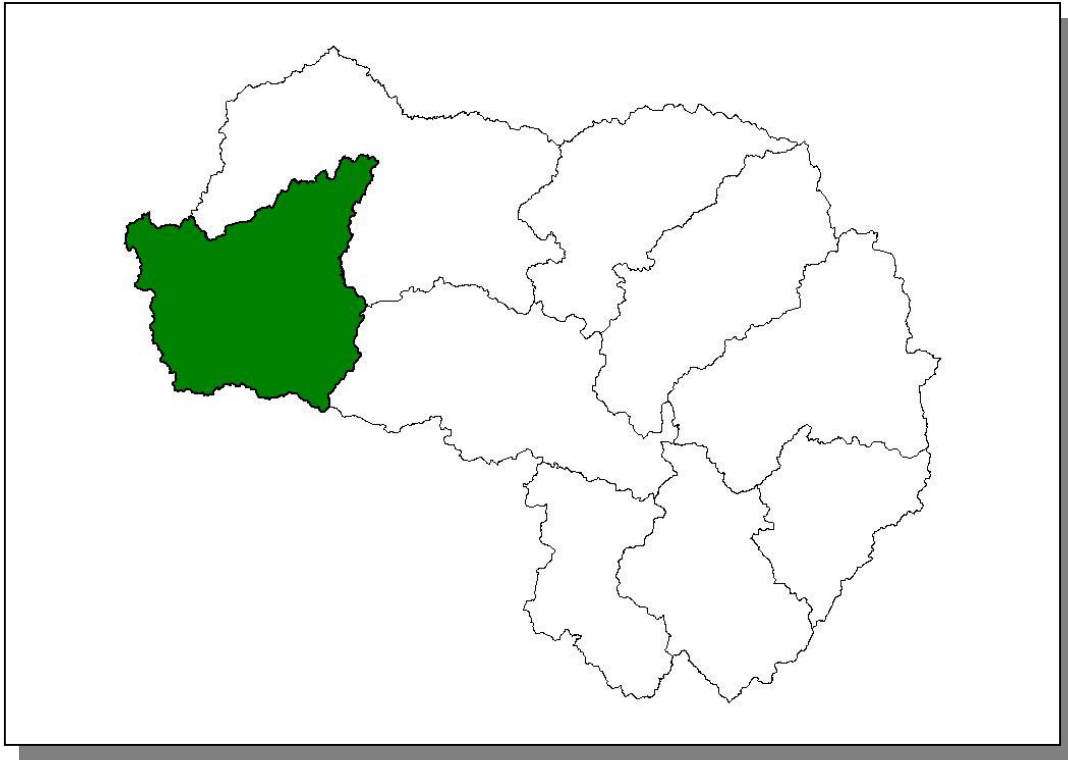
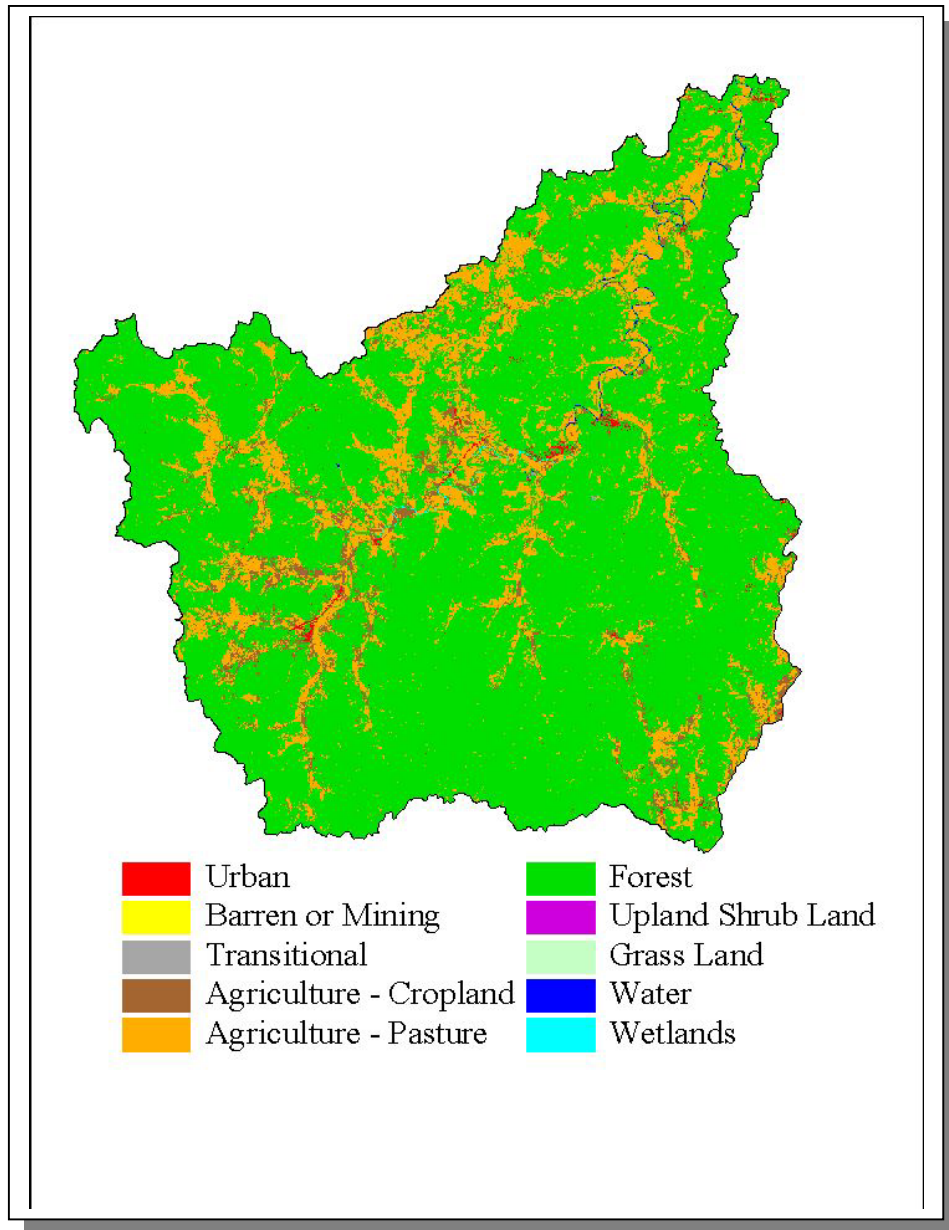


**4.2.I. 0513010809.**

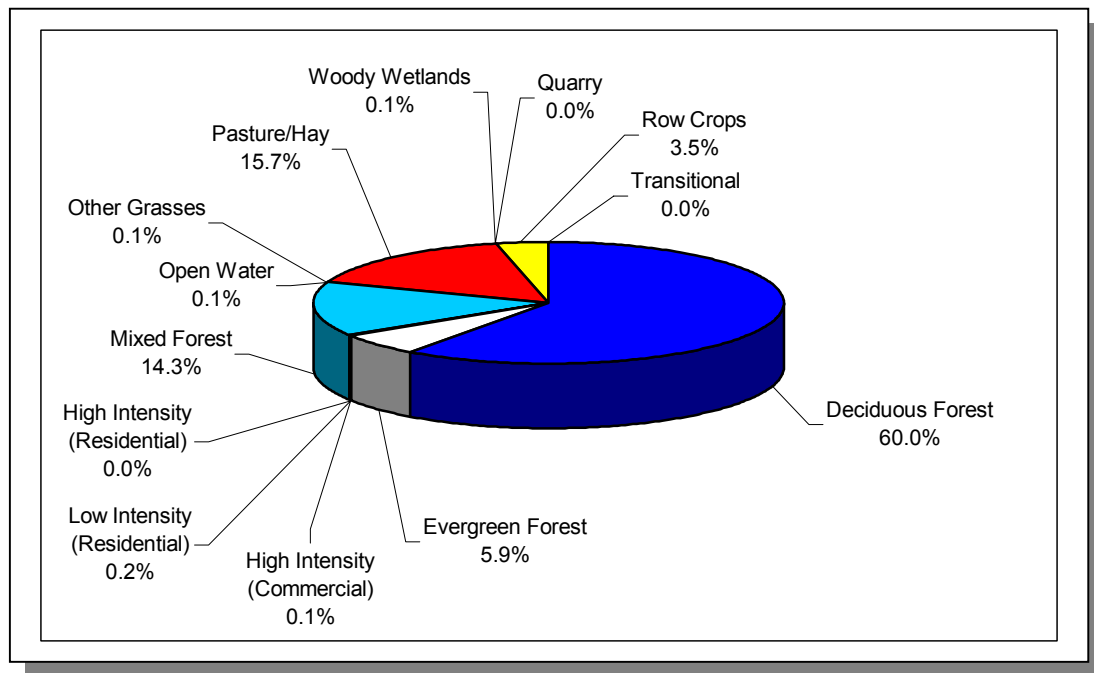


**Figure 4-87. Location of Subwatershed 0513010809.** All Caney Fork HUC-10 subwatershed boundaries are shown for reference.

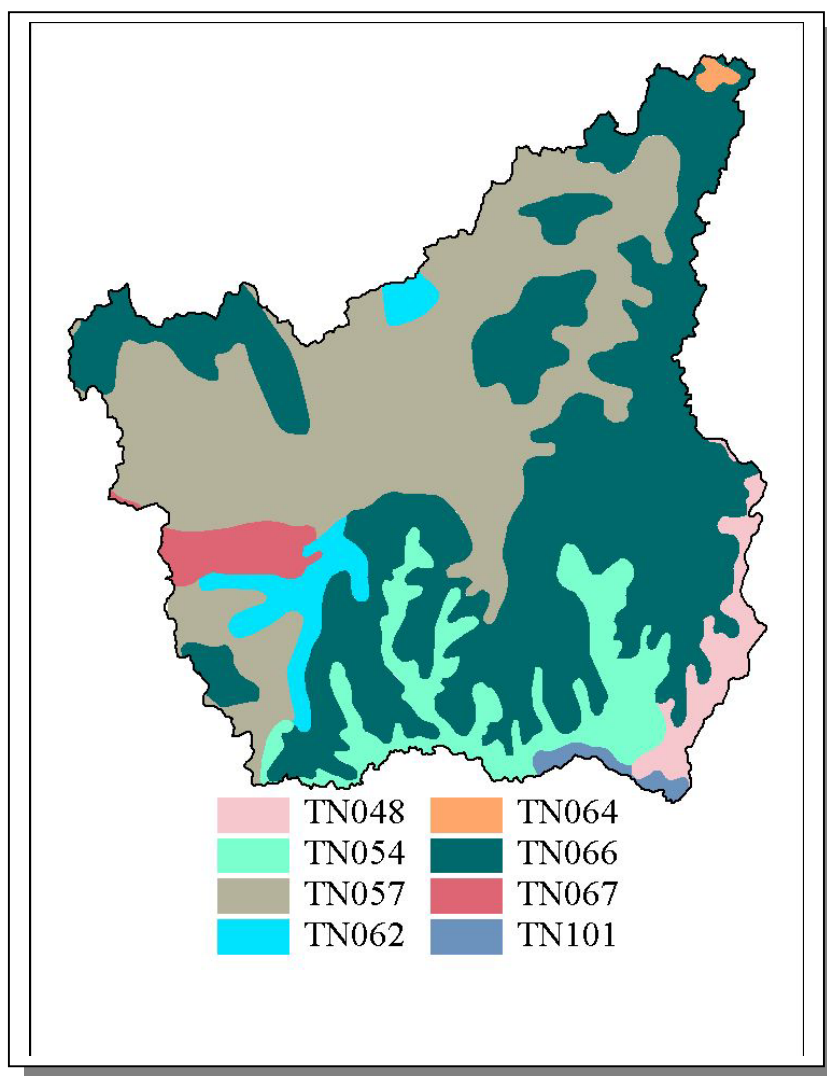
4.2.I.i. General Description.



*Figure 4-88. Illustration of Land Use Distribution in Subwatershed 0513010809.*



**Figure 4-89. Land Use Distribution in Subwatershed 0513010809.** More information is provided in Caney Fork-Appendix IV.



**Figure 4-90. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0513010809.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN048	8.00	C	1.38	5.06	Silty Loam	0.42
TN054	0.00	C	3.04	4.84	Loam	0.32
TN057	0.00	C	1.14	5.01	Clayey Loam	0.33
TN062	0.00	C	0.98	4.40	Clayey Loam	0.26
TN064	7.00	C	1.19	5.82	Silty Loam	0.37
TN066	0.00	B	2.62	4.75	Loam	0.28
TN067	2.00	C	2.69	5.51	Silty Loam	0.35
TN101	0.00	B	1.71	5.39	Loam	0.35

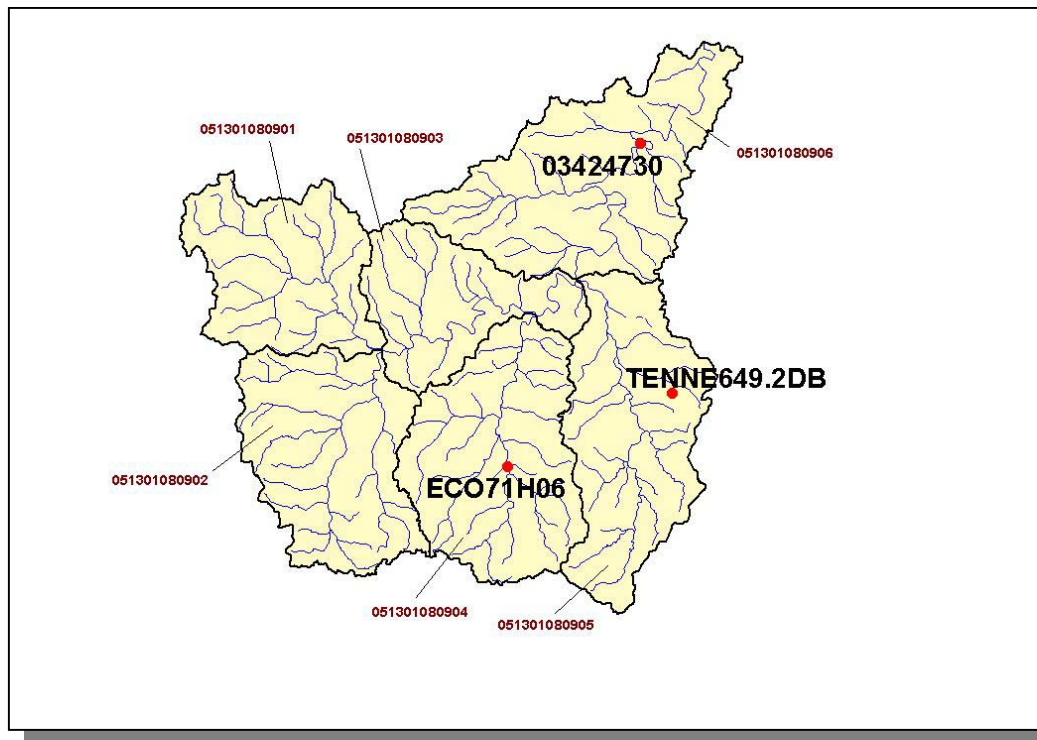
**Table 4-56. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0513010809.** More information is provided in Caney Fork-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
Cannon	10,467	12,011	26.31	2,754	3,160	14.7
DeKalb	14,360	15,743	30.82	4,426	4,852	9.6
Rutherford	118,570	159,987	0.17	201	272	35.3
Smith	14,143	16,047	1.75	247	280	13.4
Wilson	67,675	81,327	9.63	6,518	7,833	20.2
<b>Totals</b>	<b>225,215</b>	<b>285,115</b>		<b>14,146</b>	<b>16,397</b>	<b>15.9</b>

*Table 4-57. Population Estimates in Subwatershed 0513010808.*

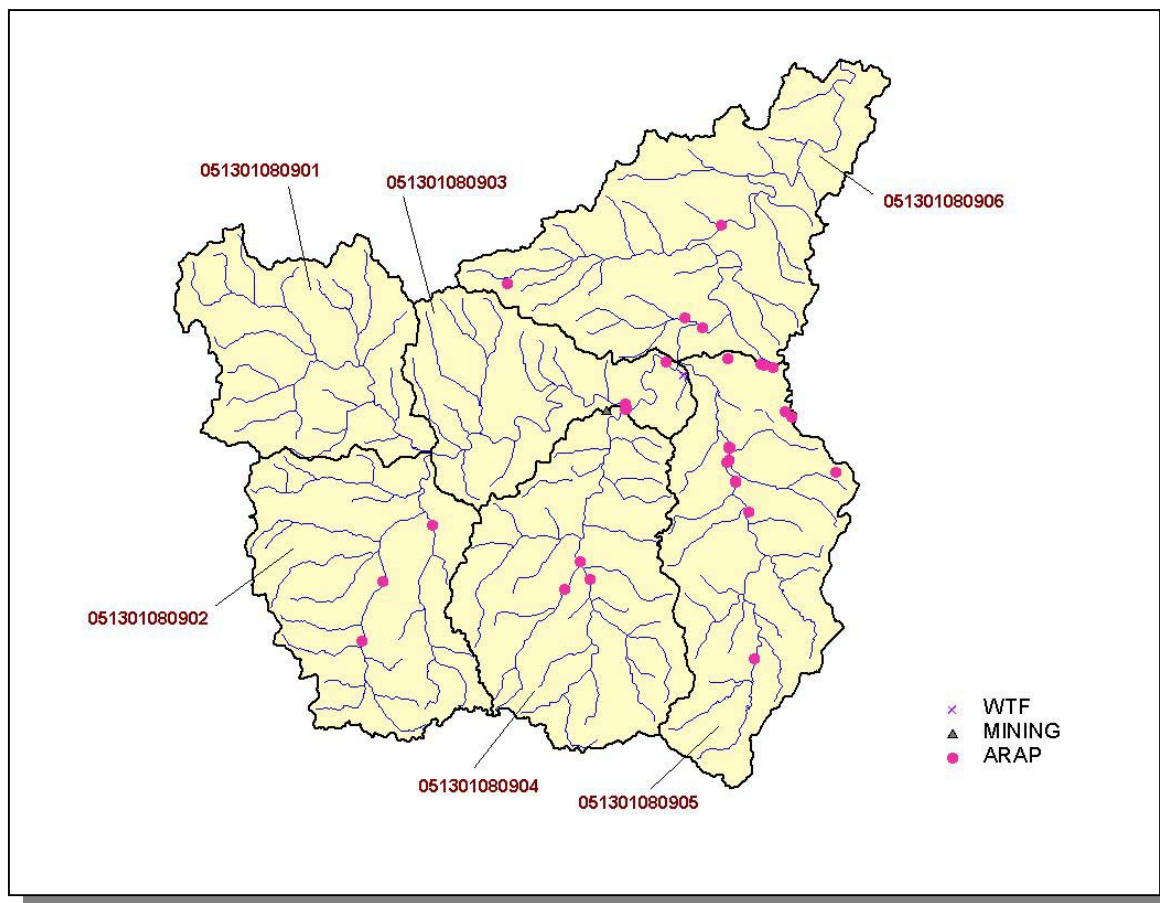
Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Gordonsville	Smith	891	372	14	356	2
South Carthage	Smith	851	376	295	81	0
Baxter	Putnam	1,289	579	424	153	2
Alexandria	DeKalb	740	346	325	20	1
Smithville	Dekalb	3,791	1,693	1,560	122	11
<b>Total</b>		<b>7,562</b>	<b>3,366</b>	<b>2,618</b>	<b>732</b>	<b>16</b>

*Table 4-58. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0513010809*



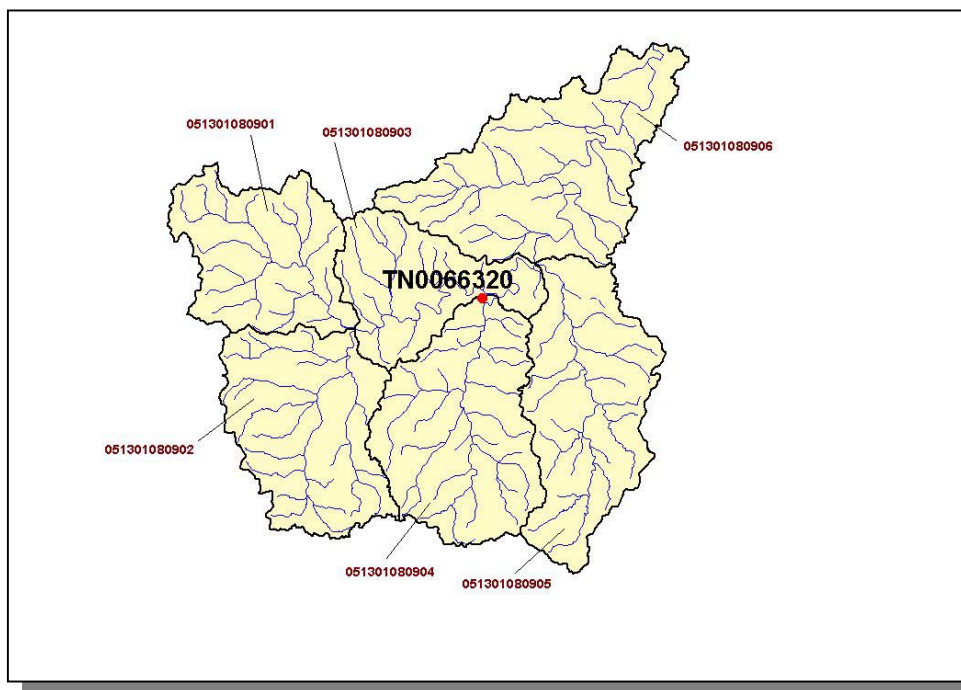
**Figure 4-91. Location of STORET Monitoring Sites in Subwatershed 0513010809.** Subwatershed 051301080901, 051301080902, 051301080903, 051301080904, 051301080905, and 051301080906 boundaries are shown for reference. More information is provided in Caney Fork-Appendix IV.

**4.2.I.ii.** Point Source Contributions.

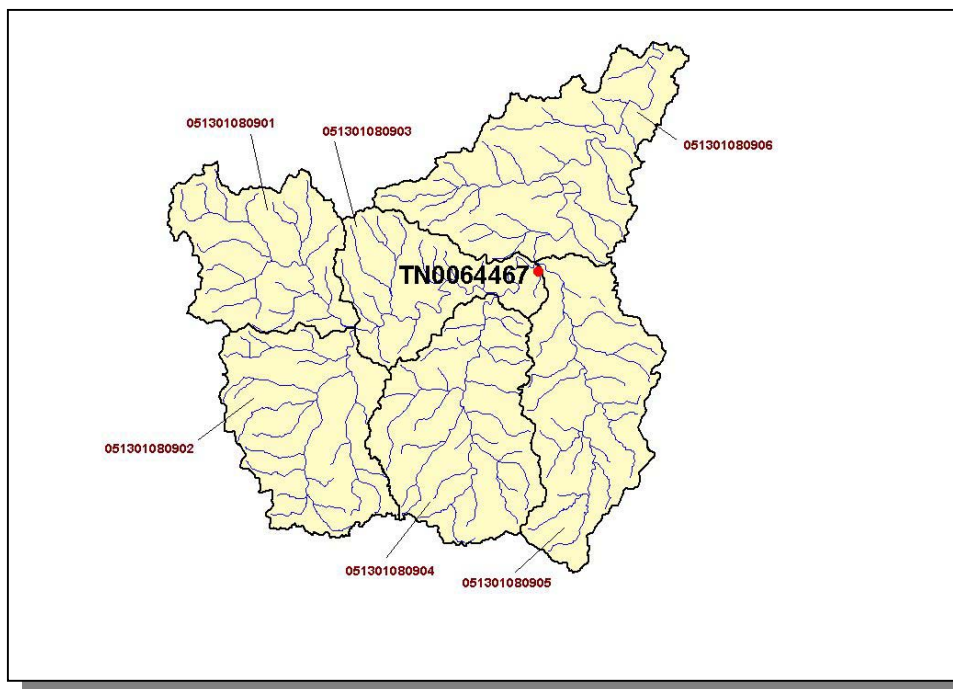


**Figure 4-92. Location of Active Point Source Facilities in Subwatershed 0513010809.** Subwatershed 051301080901, 051301080902, 051301080903, 051301080904, 051301080905, and 051301080906 boundaries are shown for reference. More information is provided in the following figures.



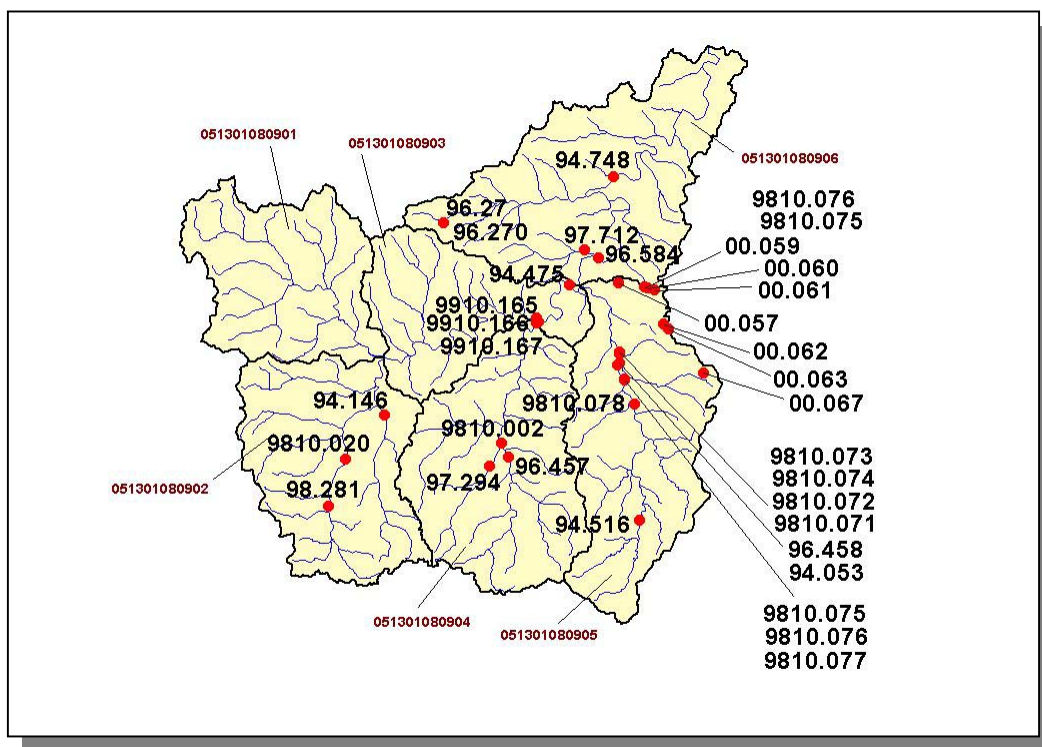


**Figure 4-93. Location of Active Mining Sites in Subwatershed 0513010809.** Subwatershed 051301080901, 051301080902, 051301080903, 051301080904, 051301080905, and 051301080906 boundaries are shown for reference. More information is provided in Caney Fork-Appendix IV.



**Figure 4-94. Location of Water Treatment Plant Sites in Subwatershed 0513010809.** Subwatershed 051301080901, 051301080902, 051301080903, 051301080904, 051301080905, and 051301080906 boundaries are shown for reference. More information is provided in Caney Fork-Appendix IV.





**Figure 4-95. Location of ARAP Sites (Individual Permits) in Subwatershed 0513010809.** Subwatershed 051301080901, 051301080902, 051301080903, 051301080904, 051301080905, and 051301080906 boundaries are shown for reference. More information is provided in Caney Fork-Appendix IV.

**4.2.I.iii.** Nonpoint Source Contributions.

<b>LIVESTOCK (COUNTS)</b>						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
9,712	18,337	582	25	0	849	127

**Table 4-59. Summary of Livestock Count Estimates in Subwatershed 0513010809.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	<b>INVENTORY</b>		<b>REMOVAL RATE</b>	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cannon	88.5	88.5	1.7	7.1
Rutherford	155.7	155.7	0.4	0.9
Smith	81.0	81.0	1.1	2.6
Wilson	98.1	97.0	1.7	6.8
<b>Totals</b>	<b>423.3</b>	<b>422.2</b>	<b>4.9</b>	<b>17.4</b>

**Table 4-60. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 0513010809.**

<b>CROPS</b>	<b>TONS/ACRE/YEAR</b>
Legume (Hayland)	0.52
Grass (Hayland)	0.63
Legume/Grass (Hayland)	0.49
Grass (Pastureland)	0.81
Legume (Pastureland)	0.37
Grass, Forbs, Legumes (Mixed Pasture)	0.80
Forest Land (Grazed)	0.00
Forest (Not Grazed)	0.00
Corn (Row Crops)	3.75
Soy Beans (Row Crops)	3.07
Tobacco (Row Crops)	12.36
Cotton (Row Crops)	4.79
Conservation Reserve Program Land	0.21
Wheat (Close Grown Cropland)	4.11
All Other Close Grown Cropland	2.49
Berry (Horticulture)	0.47
Other (Horticulture)	1.13
Other Cropland not Planted	1.86
Farmsteads and Ranch Headquarters	0.40
Nonagricultural Land Use	0.00

**Table 4-61. Annual Estimated Total Soil Loss in Subwatershed 0513010809.**